

US 40 /MD 715 Interchange Improvements

MDOT/SHA Base Realignment and Closure
(BRAC) Project - Design-Build

Design-Build Team (DBT):

American Infrastructure of Fallston, MD (Contractor)
JMT Engineering of Sparks, MD (Designer)

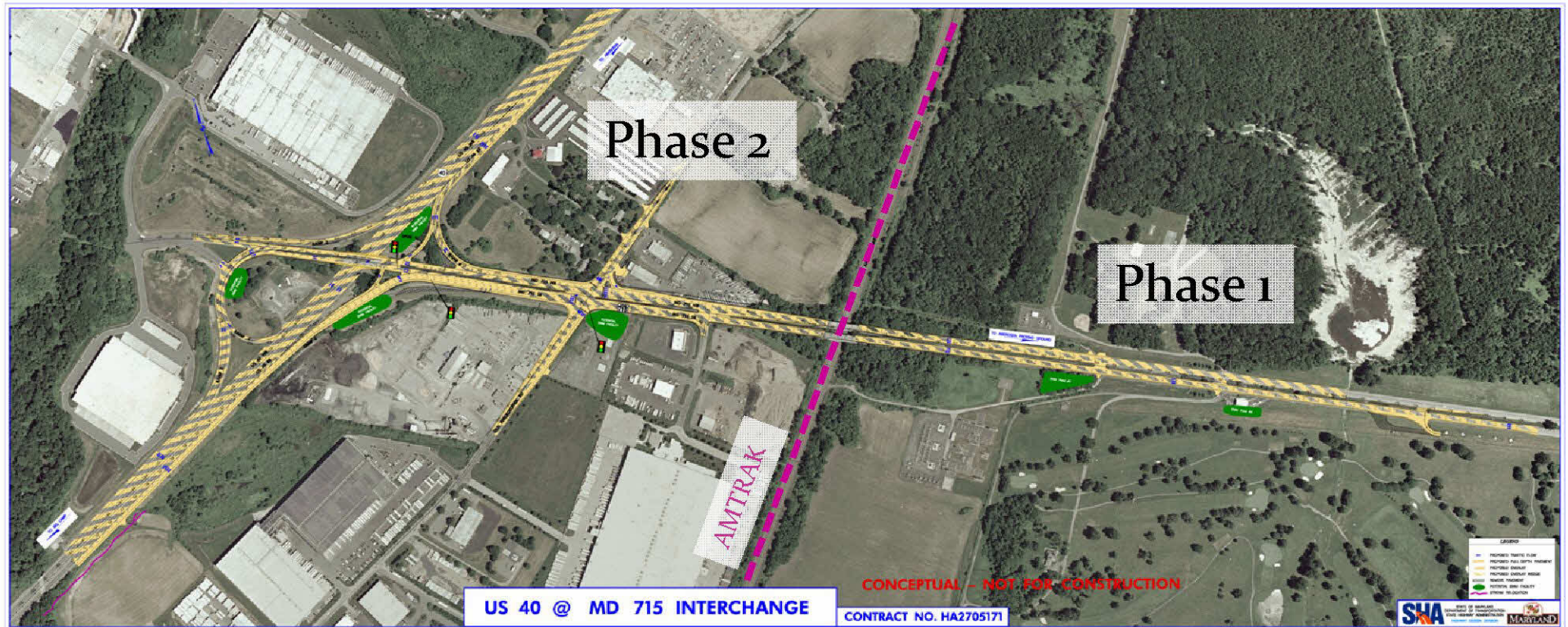




Meeting Agenda

- Project Phases
- Construction Impacts/Maintenance of Traffic
- Schedules
- Next Steps/Contacts
- Questions & Answers

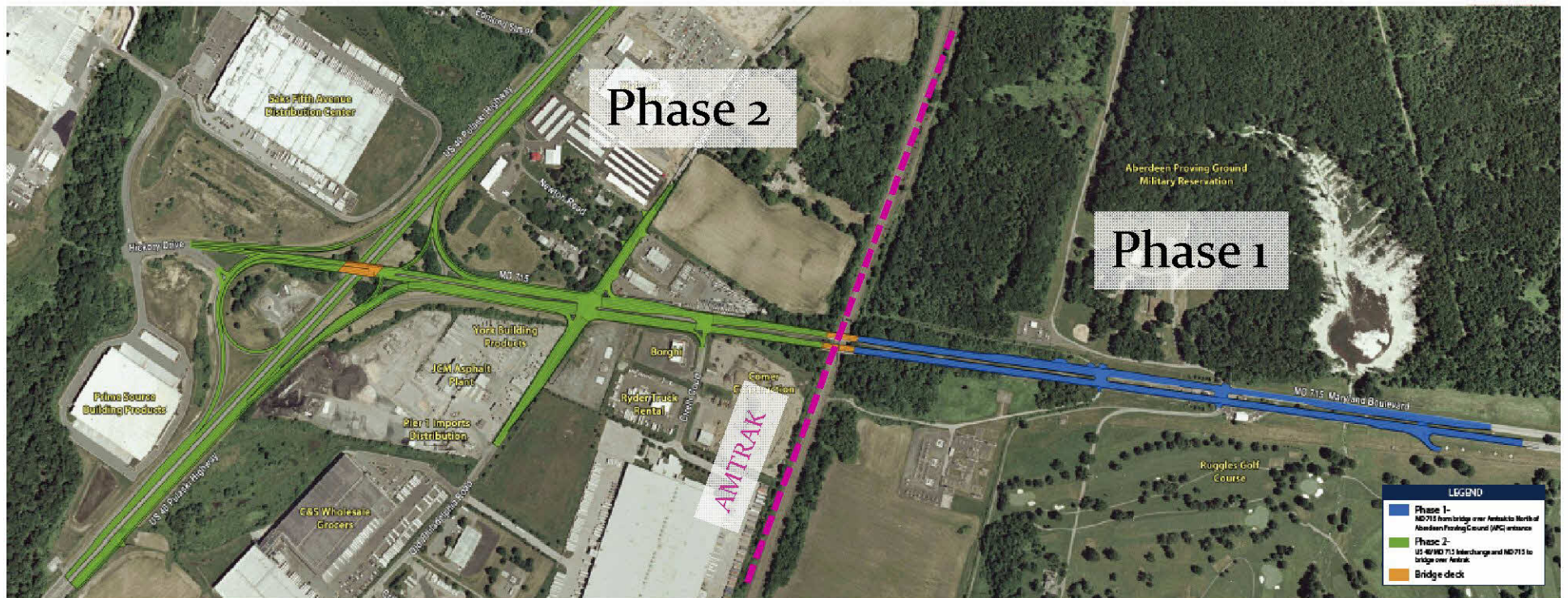
Project Limits



Phase 1 - MD 715 from bridge over Amtrak to North of Aberdeen Proving Ground (APG) entrance

Phase 2 - US 40/MD 715 interchange and MD 715 to bridge over Amtrak

Project Limits



Phase 1 - MD 715 from bridge over Amtrak to North of Aberdeen Proving Ground (APG) entrance

Phase 2 - US 40/MD 715 interchange and MD 715 to bridge over Amtrak



Phase I Improvements

- Design-Bid-Build Aspects
- Widen MD 715 from AMTRAK Bridge to APG to add an additional lane in each direction
- Provide Stormwater Management
- Improve Signing, Marking & Lighting
- Provide Landscaping
- Relocate APG Visitors Center Entrance



Phase II Improvements

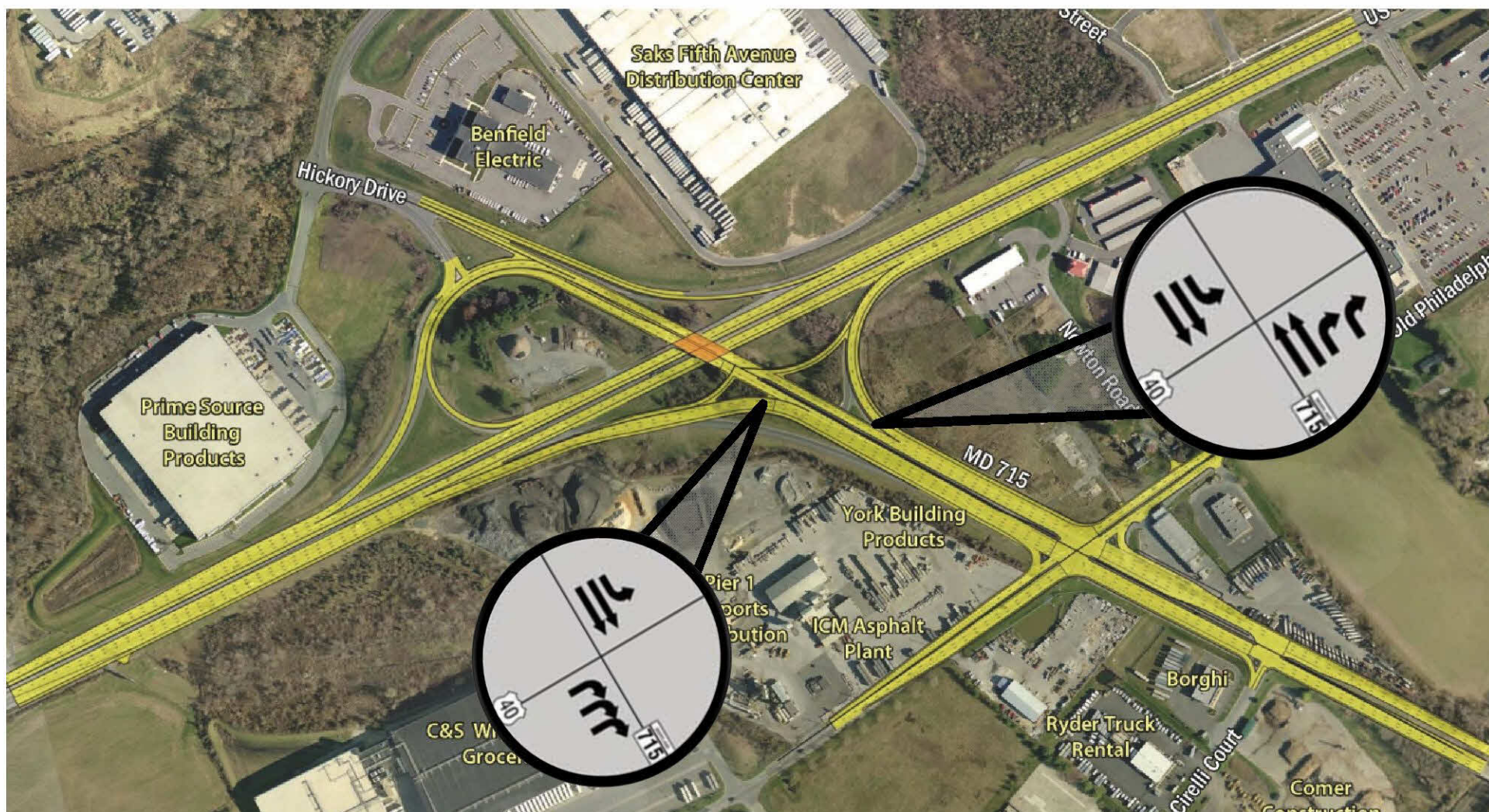
- Design-Build
- Provide additional through lanes on MD 715
 - Two through lanes in each direction across the bridge
 - Four lanes in each direction on MD 715 between US 40 and Old Philadelphia Road
- Provide new traffic signals at the following locations:
 - SB MD 715 to EB US 40
 - Spur ramp from EB US 40 to NB MD 715
 - MD 715 at Cirelli Court



Phase II Improvements (cont'd)

- Upgrade existing traffic signalization
 - MD 715 and Old Philadelphia Road
- Widen Ramp from EB US 40 to SB MD 715
- Widen MD 715 bridge over US 40
- Restriping of AMTRAK Bridge to accommodate 3 lanes in each direction

Phase II Improvements (cont'd)





Construction Lane Closure Schedule

- US 40 Eastbound (to Aberdeen):
 - Single lane closures permitted Monday - Friday between 9:00 a.m. and 3:00 p.m. and between 7:00 p.m. and 5:00 a.m. the next day.
- US 40 Westbound (to Edgewood):
 - Single lane closures permitted Monday - Friday between 9:00 a.m. and 3:00 p.m. and between 7 p.m. and 5 a.m. the next day.
- MD 715 Northbound (outbound from APG):
 - Single lane closures permitted Sunday - Thursday nights between 7:00 p.m. and 2:00 p.m. the next day.
- MD 715 Southbound (inbound to APG):
 - Single lane closures permitted Sunday - Thursday between 9:00 a.m. and 5:00 a.m. the next day.



Construction Restriction Schedule

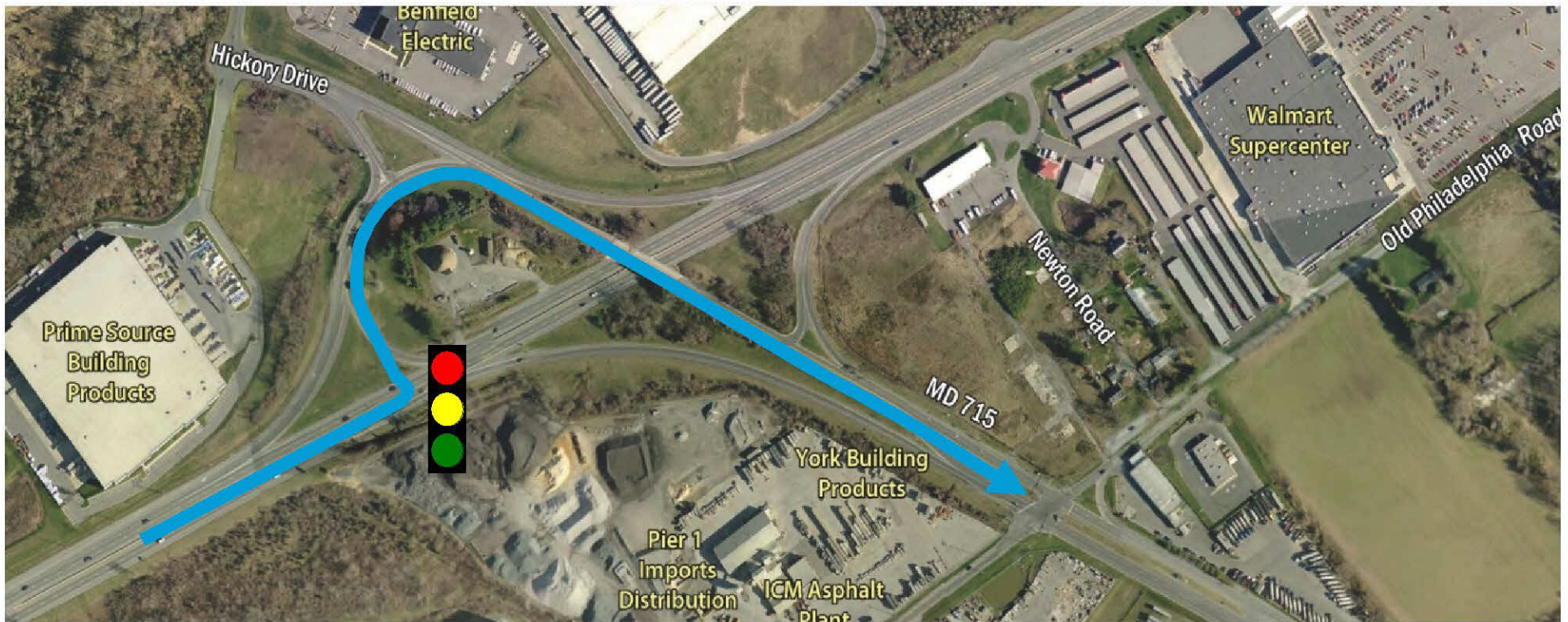
- US 40 median crossover just east of MD 715
 - No U-Turn Allowed 6AM - 9AM. MON - FRI
- MD 715 and Old Philadelphia Road Intersection
 - Signal priority will be given to the MD 715 through movement during peak hours

Eastbound US 40 to Southbound MD 715 Ramp Closure



- Must Elevate and Widen Ramp to Add Capacity due to BRAC
- Requires soil from all other project areas to be placed at this location in phases and **Ramp Must be Closed**

Eastbound US 40 to Southbound MD 715 Closure/Detour



- Add Temporary Traffic Signal along US 40 WB.
- Detour stays left on US 40 EB to temporary signal
- Make left turn to temporary ramp connection to access MD 715 SB
- Ramp from US 40 WB to MD 715 SB will remain open



Ramp Closure/Detour & Closure/Restriction

- SHA suggests:
 - Be patient, plan for extra travel time
 - Drive with caution through the work zone and look for changing traffic patterns
 - Look for alternate routes during peak hours
 - Encourage flex time & vanpooling where possible



Resources

- **Commuter Connections**
www.mwcog.org/commuter2/
- **Harford County Commuter Assistance**
www.harfordcountymd.gov/commuter/
- **511 Maryland Travelers Information**
www.md511.org or Call 511 Before You Go
- **APG MARC shuttle**



400 scale

US Army Garrison, Aberdeen Proving Ground Gate Schedule



Aberdeen Gate on MD 132

West Bel Air Ave/Aberdeen Blvd:

Inbound 0530-0900, Outbound 1530-1730 on duty days.

Closed weekends and holidays.

Not Open to Visitors/Deliveries

Harford Gate on MD 22

Aberdeen Thruway:

0500-1900 on duty days.

Closed weekends and holidays.

Not Open to Visitors/Deliveries

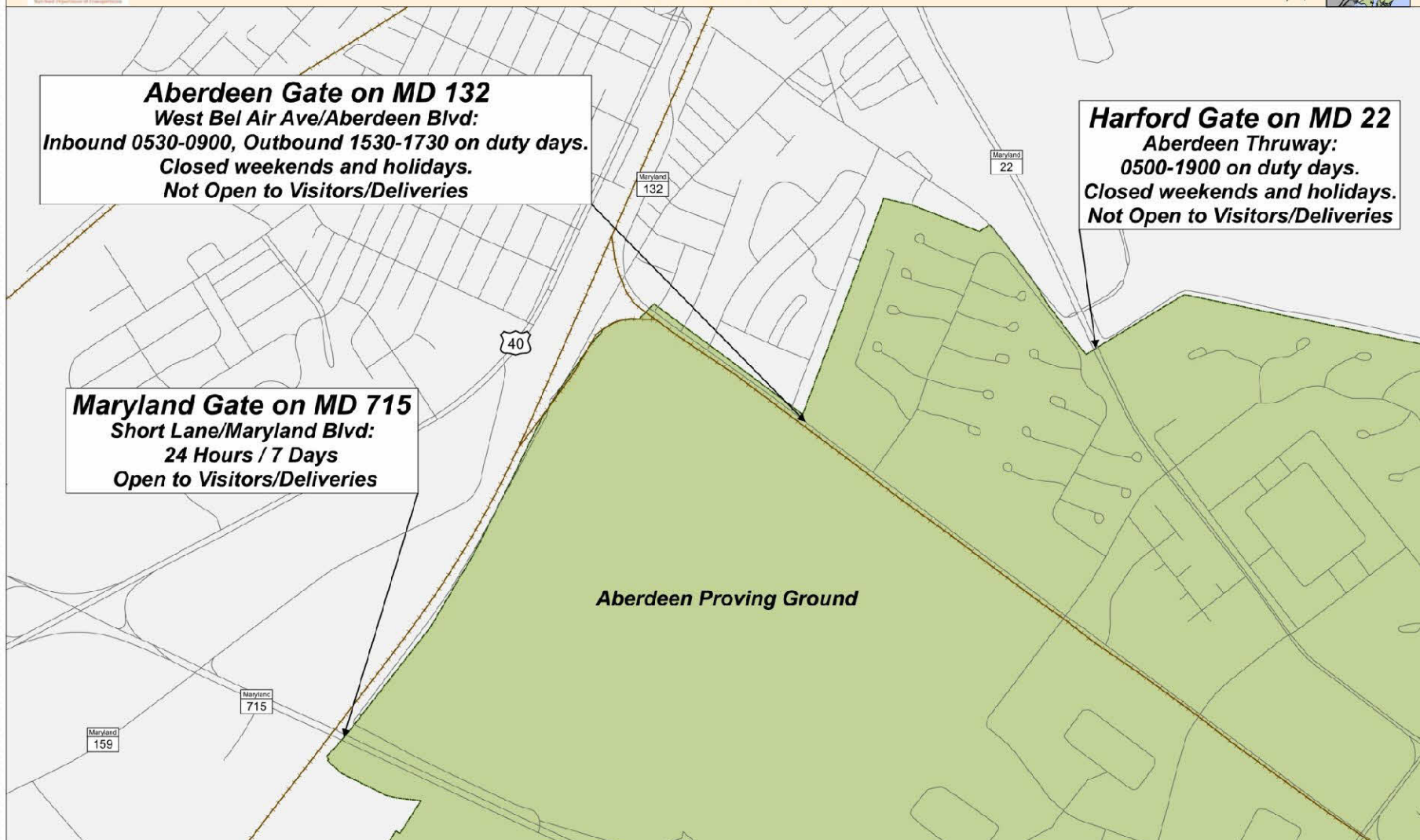
Maryland Gate on MD 715

Short Lane/Maryland Blvd:

24 Hours / 7 Days

Open to Visitors/Deliveries

Aberdeen Proving Ground





Project Schedule

- **Winter 2012:**

Aberdeen Middle School Cafeteria, 6:00 – 8:00 p.m.

- Finalize Phase 2 design and permitting
- Continue utility relocations, including water and sewer;
- Begin erosion and sediment control work on Phase 2;
- Construct stream relocation along eastbound US 40;
- Prepare interchange area for ramp closure/detour

- **Late Winter – Early Spring 2012:**

- Begin temporary one-year ramp closure/detour of ramp from eastbound US 40 to southbound MD 715

For More Information

US 40 @ MD 715 Field Office: 1-410-306-6295

US 40 @ MD 715 Info Line: 1-855-472-7129

SHA District 4 Toll-Free: 1-866-998-0367

Project Webpage: www.roads.maryland.gov

Go to SHA Projects link under “Projects and Studies” tab.
Select Harford County and look at Projects under
Construction.



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Thank You
Questions and Answers

